

SECRET

OUT60231

P 272052Z OCT 66

FM NPIC WASHDC

TO AIG 975

BT

S E C R E T

CITE NPIC 8895.

(TEXT WHICH FOLLOWED WAS IDENTICAL TO GLASS LAMP IPIR, MISSION G-920)

S E C R E T

28 OCT 1966

-END OF MESSAGE-

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SECRET

ALSO PASSED TO [REDACTED]

25X1

~~PREFACE~~

~~THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-920, 25 OCT 66.~~
~~THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMOR TARGET NUMBER.~~

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS--
 C @CLEAR#, SC @SCATTERED CLOUD COVER#, HC @HEAVY CLOUD COVER#, H @HAZED#, CS @CLOUD SHADOW#, SD @SEMI DARKNESS#, GC @GROUND COVER#, CF @CAMOUFLAGE#, O @OBliquity#, AND GR @GROUND RESOLUTION#.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD#, F @FAIR#, OR P @POOR#. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL# OR PT @PARTIAL#. THE MODE OF COVERAGE IS SIGNIFIED BY ST @STEREO#, NS @NONSTEREO#, OR PS @PARTIAL STEREO#.

AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES -- LIGHT @ZPU-2, ZPU-4, AND 37MM#, MEDIUM @57MM AND 85MM#, AND HEAVY @100MM AND LARGER#. WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED @EXAMPLE 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED#.

MISSILES

CIFUENTES SAM ASSEMBLY AREA CU 2236N 08005W
 FACILITIES CONSIST OF AT LEAST 8 SUPPORT BUILDINGS AND 2 REVETTED FUEL STORAGE AREAS.

OB -- 9 MISSILE TRANSPORTERS, AT LEAST 60 MISSILE CANISTERS, 12 PROBABLE TRUCK TRACTORS, 1 CARGO TRUCK, AND 4 VAN TRAILERS.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

25X1

HOLGUIN SAM SITE B27-2 CU 2052N 07627W

OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES#, 9 MISSILE TRANSPORTERS @6 WITH EXPOSED MISSILES#, AND A CENTRAL GUIDANCE RADAR WITH ASSOCIATED EQUIPMENT.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

HOLGUIN AIRFIELD SAM SITE CU 2046N 07619W

OB -- 6 EMPLACED LAUNCHERS @4 WITH MISSILES#, 8 MISSILE TRANSPORTERS @5 CANVAS COVERED#, AND AN OCCUPIED CENTRAL GUIDANCE AREA.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

SANTA CLARA SAM SITE A34-2 CU 2229N 08000W

PERMANENT SITE REMAINS UNDER CONSTRUCTION.

OB @AT ADJACENT TEMPORARY SITE# -- 6 EMPLACED LAUNCHERS @AT LEAST 1 WITH MISSILE#, AT LEAST 12 MISSILE TRANSPORTERS @1 WITH EXPOSED MISSILE#, AN OCCUPIED CENTRAL GUIDANCE AREA, 8 PROBABLE TRUCK TRACTORS, AT LEAST 3 OTHER VEHICLES, AND 3 VAN TRAILERS.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

SANTIAGO DE CUBA SAM SITE A23-2 CU 1959N 07550W

OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES#, 10 MISSILE TRANSPORTERS @AT LEAST 4 WITH EXPOSED MISSILES#, A FAN SONG RADAR WITH SHED-COVERED EQUIPMENT, AND 5 OTHER VEHICLES.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

SANTIAGO DE CUBA SAM ASSEMBLY AREA CU 2004N 07553W

OB -- 8 MISSILE TRANSPORTERS, AT LEAST 60 MISSILE

CANISTERS, 4 FLATBED TRACTOR-TRAILER TRUCKS, AND 11 CARGO TRAILERS.

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SANTIAGO SAM TRAINING AREA CU 1958N 07551W
OB -- 23 VAN TRUCKS AND 10 OTHER VEHICLES. FOUR
PROBABLE VAN TRUCKS OBSERVED IN VEHICLE PARK 1,200
YARDS NE.

NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA ISABEL DE LAS LAJAS SAM SITE A35-2 CU 2228N 08018W
OB -- 6 EMPLACED LAUNCHERS AT LEAST 2 WITH MISSILES#,
12 MISSILE TRANSPORTERS, AND AN OCCUPIED CENTRAL
GUIDANCE REVETMENT.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

PALMA SORIANO SAM SITE A02-2 CU 2015N 07559W
OB -- 6 EMPLACED LAUNCHERS @2 WITH MISSILES#, 7 MISSILE
TRANSPORTERS @4 WITH EXPOSED MISSILES#, A FAN SONG
RADAR WITH 6 ASSOCIAIED VAN TRAILERS, 1 CARGO TRUCK,
AND 1 TRUCK-MOUNTED CRANE.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE. SIX OTHER AAA
PIECES OBSERVED ADJACENT TO SUPPORT BUILDINGS.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

CONSTANCIA SAM SITE A10-2 CU 2214N 08030W
OB -- 6 EMPLACED LAUNCHERS, AT LEAST 10 MISSILE
TRANSPORTERS, AN OCCUPIED CENTRAL GUIDANCE AREA, AND AT
LEAST 10 OTHER VEHICLES.
CLOUD SHADOW LIMITS INTERPRETATION.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

SAN PEDRO DE CACOCUM SAM SITE 1 CU 2047N 07615W
OB -- 5 EMPLACED LAUNCHERS @4 WITH MISSILES#, 6 MISSILE
TRANSPORTERS @3 WITH EXPOSED MISSILES#, AND A CENTRAL
GUIDANCE RADAR WITH ASSOCIATED EQUIPMENT.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1

SAN PEDRO DE CACOCUM SAM SITE 2 CU 2045N 07615W
LAUNCH FACILITIES REMAIN UNDER CONSTRUCTION. EIGHT
SUPPORT BUILDINGS ARE NOW COMPLETED.
OB -- NONE.

25X1

AIR FACILITIES

CAMILO CIENFUEGOS AIRFIELD CU 2229N 07956W
OB -- 19 FAGOT/FRESCO, 1 CRATE, AND 3 HOUND.
ACTIVITY -- 10 PROBABLE MIG 17 SHIPPING CRATES AND 5
SMALLER CRATES @PROBABLE COMPONENT PARTS#.

25X1

CAMAGUEY INTERNATIONAL AIRFIELD CU 2125N 07750W
OB -- 1 C-46, 1 MEDIUM STRAIGHT-WING, AND 19 HOUND.

25X1

HOLGUIN AIRFIELD CU 2047N 07618W
OB -- 10 FAGOT/FRESCO, 1 LIAISON, AND 1 HOUND.

25X1

ANTONIO MACEO AIRFIELD CU 1958N 07550W
OB -- 1 CRATE, 2 LIAISON, AND 1 HOUND.

25X1

CORONEL PASCUAL AIRFIELD CU 2307N 08117W
OB -- 1 MEDIUM STRAIGHT-WING.
OBLIQUITY LIMITS INTERPRETATION.

25X1

JAIME GONZALES AIRFIELD CU 2209N 08024W
OB -- 1 COOT WITHOUT OUTER WING PANELS.

25X1

BAYAMO AIRFIELD EAST CU 2022N 07637W
OB -- NONE OBSERVED.

25X1

25X1

NAVAL ACTIVITY/PORTS

CIENFUEGOS NAVAL BASE CU 2208N 08027W
OB -- 2 KRONSHIADT-CLASS PC AND 6 P-6-CLASS PT OBSERVED
IN CLOUD-FREE AREAS.
OTHER VESSELS -- 2 LARGE FREIGHTERS.

25X1

SANTIAGO DE CUBA NAVAL BASE AND PORT CU 2001N 07550W
OB -- NONE OBSERVED.
OTHER VESSELS -- 4 LARGE FREIGHTERS, 1 COASTAL
FREIGHTER, AND 1 LARGE TANKER.

25X1

MANZANILLO PORT CU 2021N 07707W
VESSELS -- NONE OBSERVED.

25X1

LA ISABELA PORT CU 2256N 08000W
VESSELS -- NONE OBSERVED.

25X1

CAIBARIEN PORT CU 2231N 07928W
VESSELS -- NONE OBSERVED.

25X1

CARDENAS PORT CU 2302N 08111W
VESSELS -- NONE OBSERVED.

25X1

CASILDA PORT CU 2145N 07959W
VESSELS -- NONE OBSERVED.

25X1

ELECTRONICS/COMMUNICATIONS

SANTIAGO DE CUBA EW/GCI RADAR SITE CU 1959N 07551W
OB -- NONE.

ACTIVITY -- 16 TRACKED PRIME MOVERS, 26 CARGO TRUCKS,
AND 7 VAN TRUCKS.

25X1

SANTIAGO DE CUBA EW/GCI RADAR SITE 2 CU 2005N 07551W
OB -- 1 BAR LOCK AND 1 POSSIBLE FLAT FACE RADAR.

25X1

CABO CRUZ LOW SIEVE RADAR SITE CU 1950N 07743W
OB -- 1 LOW SIEVE RADAR.

25X1

MILITARY ACTIVITY

F ALTO CEDRO MILITARY CAMP CU 2029N 07600W
OB -- 24 PROBABLE TANKS/SP GUNS, 15 PROBABLE BTR 60-P,
57 PROBABLE FA PIECES, 6 AAA PIECES/MORTARS, 164
PROBABLE CARGO TRUCKS, AND 57 OTHER VEHICLES/PIECES OF
EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

25X1

DOS CAMINOS MILITARY CAMP CU 2014N 07547W
OB -- 43 PROBABLE FA PIECES AND 65 VEHICLES/PIECES OF
EQUIPMENT.

OBLIQUITY LIMITS INTERPRETATION.
NO APPARENT CHANGE IN FACILITIES.

25X1

CAMAGUEY MILITARY CAMP CU 2126N 07753W
OB -- NONE OBSERVED.

NO APPARENT CHANGE IN FACILITIES.

25X1

CORRALILLO MILITARY AREA CU 2301N 08038W
OB -- 1 TANK/SP GUN, 11 CARGO TRUCKS, AND 2 UTILITY
TRUCKS.

NO APPARENT CHANGE IN FACILITIES.

25X1

OB -- 14 TANKS/SP GUNS, 16 CARGO TRUCKS, AND 19 OTHER VEHICLES/PIECES OF EQUIPMENT.
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NO APPARENT CHANGE IN FACILITIES.

25X1

JURAGUA MILITARY ACTIVITY CU 2209N 08035W

OB -- 11 PROBABLE FA PIECES.

NO APPARENT CHANGE IN FACILITIES.

25X1

LA QUINTA MILITARY CAMP CU 2002N 07551W

OB -- 15 FA PIECES/MORTARS AND 27 CARGO TRUCKS.

NO APPARENT CHANGE IN FACILITIES.

25X1

SANTA CLARA ARTILLERY TRAINING AREA CU 2222N 08000W

OB -- 19 CARGO TRUCKS OBSERVED IN CLOUD-FREE AREAS.

NO APPARENT CHANGE IN FACILITIES.

25X1

~~9~~ SANTIAGO DE CUBA MILITARY CAMP NW CU 2003N 07554W

OB -- 11 FA PIECES, 18 CARGO TRUCKS, AND 13 UTILITY TRUCKS.

NO APPARENT CHANGE IN FACILITIES.

25X1

SANTIAGO DE CUBA MILITARY CAMP CU 2003N 07553W

OB -- 25 FA PIECES, 27 AAA PIECES, 22 MORTARS, 80 CARGO TRUCKS, AND 24 UTILITY TRUCKS.

NO APPARENT CHANGE IN FACILITIES.

25X1

LAS MERCEDES VEHICLE PARK CU 2224N 08001W

OB -- 9 AAA PIECES, 71 CARGO TRUCKS, 4 UTILITY TRUCKS, 27 OTHER VEHICLES, 4 CARGO TRAILERS, AND 13 OTHER VEHICLES/PIECES OF EQUIPMENT.

NO APPARENT CHANGE IN FACILITIES.

25X1

LA CHARCA MILITARY ACTIVITY CU 2246N 08036W

CONSTRUCTION CONTINUES ON BUILDINGS AND ARCH-ROOFED BUNKERS.

OB @MAIN CAMP# -- 46 FA PIECES, 6 AAA PIECES, 12 MORTARS, 119 CARGO TRUCKS, 16 UTILITY TRUCKS, AND 8 OTHER VEHICLES/PIECES OF EQUIPMENT.

ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.

OB @CAMP 2.0 NM SOUTH# -- 14 TANKS/SP GUNS AND 9 CARGO TRUCKS.

25X1

 CIENFUEGOS MILITARY ACTIVITY CU 2209N 08027W

OB -- 14 FA PIECES AND 15 CARGO TRUCKS.

NO APPARENT CHANGE IN FACILITIES.

25X1

CONDADO PROBABLE MILITARY INSTALLATION CU 2152N 07951W

OB -- 12 CARGO TRUCKS.

NO APPARENT CHANGE IN FACILITIES.

25X1

~~7~~ PURIAL DE JIBACOA MILITARY CAMP CU 2007N 07700W

OB -- 2 CARGO TRUCKS.

NO APPARENT CHANGE IN FACILITIES.

25X1

CIENFUEGOS LANDING BEACH CU 2202N 08036W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1

MAR VERDE LANDING BEACH CU 1957N 07556W

FIRING RANGE AND SUPPORT BUILDINGS REMAIN UNDER CONSTRUCTION. TWO TANKS/SP GUNS OBSERVED ADJACENT TO FIRING RANGE.

25X1

ENSENADA COLORADO LANDING BEACH CU 2202N 08025

NO MILITARY ACTIVITY OBSERVED.

25X1

STATUE OF OTHER TARGETS
THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

CAIBARIEN AIRFIELD	223 07928W
SANTA CLARA EW/GCI RADAR SITE	2229N 07956W
VARADERO LOW SIEVE RADAR SITE	2311N 08108W
LA SOCAPA LOW SIEVE RADAR SITE	1958N 07552W
JURAGUA U/I CONSTRUCTION ACTIVITY	2206N 08033W
GANUZA LANDING BEACH	2305N 08030W
PENINSULA DE HICACOS LANDING BEACH	2311N 08130W
LA VEGUITA SAM ASSEMBLY AREA	2049N 07615W
LA MAYA SAM SITE	2014N 07540W
HOLGUIN EW/GCI RADAR SITE	2048N 07618W
RANCHO LUNA LOW SIEVE RADAR SITE	2202N 08025W
SAN MIGUEL EW/GCI RADAR SITE	2229N 07953W
HOLGUIN MILITARY CAMP	2053N 07613W
HOLGUIN MILITARY CAMP NW	2057N 07616W
REMEDIOS MILITARY AREA	2227N 07935W
ANTON RECIO MILITARY INSTALLATION	2211N 08036W
EL CRISTO MILITARY INSTALLATION	2010N 07547W
SANTA CLARA MILITARY ACTIVITY	2220N 07957W
SIBONEY LANDING BEACH	1957N 07542W

GP